

Converting Colors

CIELCh(98, 25.123, 108.279)

Have a look what the booklet for
CIELCh(98, 25.123, 108.279)
contains.

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Color

CIElCh(98, 24.787, 108.280)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCCB
RGB	252, 252, 203
RGB Percent	99%, 99%, 80%
CMY	0.0104, 0.0104, 0.2026
CMYK	0.00, 0.00, 0.19, 0.01
HSL	60°, 90%, 89%
HSV	60°, 19%, 99%
XYZ	86.0002, 94.9163, 70.4897
YIQ	246.4140, 15.7290, -15.2390

Conversions

Conversions Part 2

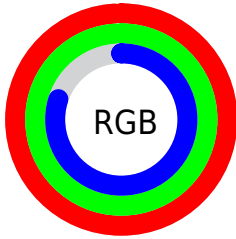
Format	Color
R_{YB}	203, 252, 203
Decimal	16579787
CIE _{Lab}	98.00, -7.77, 23.54
CIE _{LCh}	98, 24.787, 108.280
Y _{xy}	94.9163, 0.3421, 0.3775
Android (android.graphics.Color)	4294769867 (0xFFFFCFCB)
YUV	246.4140, -21.4031, 4.8989
Hunter-Lab	97.4250, -12.9259, 25.2995

Details

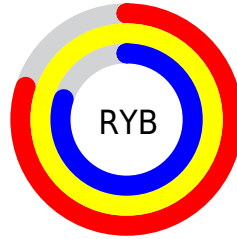
The CIELCh color **98, 24.787, 108.280** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 25.937, 292.387**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 24.377, 107.910** is the 20% darker color. If you saturate the color by 10%, you get **98, 37.343, 107.310**, and if you desaturate by 10%, it is **99, 12.060, 109.261**.

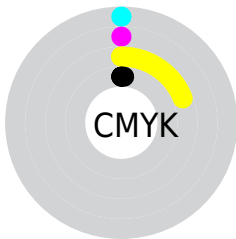
Distribution



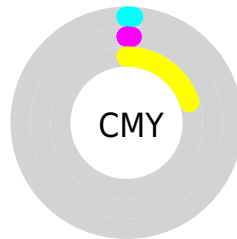
- Red (99%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 24.787, 108.280 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 98, 24.787, 108.280 by changing the saturation by 10% instead.


 98, 24.787,
108.280


 98, 24.787,
108.280

 100, 24.787,
108.280

 88, 24.787,
108.280

 78, 24.787,
108.280

 68, 24.787,
108.280

 58, 24.787,
108.280

 48, 24.787,
108.280

 38, 24.787,
108.280

 28, 24.787,

108.280

■ 18, 24.787,
108.280

■ 8, 24.787, 108.280

■ 98, 24.787,
108.280

■ 98, 24.787,
108.280

■ 98, 37.343,
107.310

■ 99, 12.060,
109.261

■ 97, 49.578,
106.358

■ 99, 0.750, 290.338

■ 99, 1.364, 290.360

■ 97, 61.265,
105.454

■ 99, 1.364, 290.383

■ 97, 72.060,
104.630

■ 99, 1.364, 290.405

96, 81.470,
103.924

99, 1.364, 290.428

96, 88.884,
103.379

99, 1.364, 290.451

96, 93.746,
103.027

99, 1.364, 290.474

96, 96.042,
102.863

99, 1.364, 290.497

96, 96.143,
102.856

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



98, 24.787, 108.280



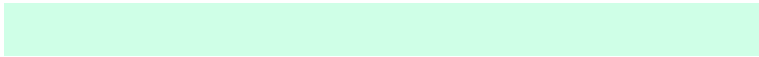
83, 25.937, 292.387

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 24.787, 108.280



98, 24.787, 158.280



98, 24.787, 288.280



98, 24.787, 338.280

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



98, 24.789, 108.285



100, 7.745, 109.591



86, 18.513, 20.795



53, 5.137, 109.528



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

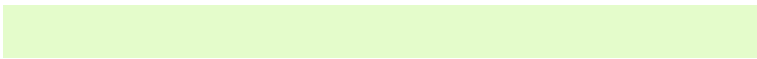
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 24.789, 108.285



99, 29.554, 107.934



96, 26.522, 128.180



52, 7.217, 109.255



74, 77.279, 102.856



25, 34.379, 103.078

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83, 25.937, 292.387



81, 31.208, 292.878



85, 27.242, 309.982



48, 7.380, 291.174



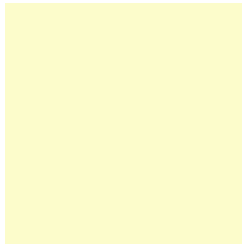
23, 106.708, 306.287



3, 42.026, 300.808

Previews

White Background



This preview shows how the CIE LCh color 98, 24.787, 108.280 looks on a white background.

Color Contrast Check

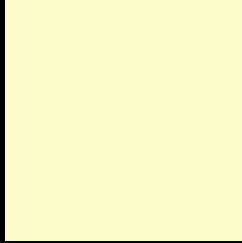
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 98, 24.787, 108.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

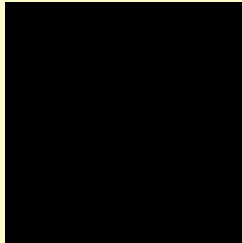
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 24.787, 108.280

Background



This preview shows how black text looks on a background with the CIELCh color 98, 24.787, 108.280.

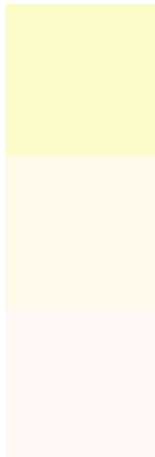


This preview shows how white text looks on a background with the CIELCh color 98, 24.787, 108.280.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
98, 24.787, 108.280

Protanopia
98, 8.400, 94.603

Deuteranopia
98, 3.192, 58.882

Tritanopia
98, 4.791, 321.097

Trichromacy



Original Color
98, 24.787, 108.280

Protanomaly
98, 14.284, 103.193

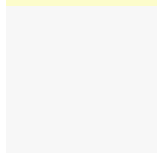
Deuteranomaly
98, 10.754, 101.601

Tritanomaly
98, 6.749, 97.384

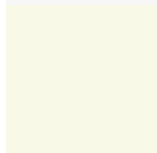
Monochromacy



Original Color
98, 24.787, 108.280



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 9.153, 109.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 24.787, 108.280 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 252, 203)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 252, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 24.787, 108.280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 252, 203) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 252, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 252, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 203);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 24.787, 108.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
252, 203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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